Esters

Name - ___

- 1.) Name the following molecules.
 - (a) CH₃-CH₂-COO-CH₃
- (d) CH₃-COO-CH₂-CH₂-CH₂-CH₂-CH₃-CH₃
- (b) HCOO-CH2-CH2-CH3
- (e) CH₃-CH₂-CH₂-CH₂-COO-CH₂-CH₂-CH₂-CH₃
- (c) CH₃-CH₂-CH₂-COO-CH₂-CH₃
 - (a) methyl propanoate

(d) hexyl ethanoate

(b) propyl methanoate

(c) ethyl butanoate

(e) butyl pentanoate

- 2.) Draw the following molecules.
 - (a) propyl pentanoate
- (c) ethyl propanoate
- (e) hexyl methanoate

- (b) methyl hexanoate
- (d) butyl butanoate
- (a) CH₃CH₂CH₂CH₂COOCH₂CH₂CH₃
- (d) CH₃CH₂CH₂COOCH₂CH₂CH₂CH₃
- (b) CH₃CH₂CH₂CH₂CH₂COOCH₃
- (e) HCOOCH2CH2CH2CH2CH2CH3

- (c) CH3CH2COOCH2CH3
- 3.) Draw the carboxylic acid and alcohol used to create each ester in question 1.
 - (a) CH₃OH and CH₃CH₂COOH
- (d) CH₃CH₂CH₂CH₂CH₂CH₂OH and CH₃COOH
- (b) CH₂CH₂CH₂OH and HCOOH
- (d) CHOHOH and CHOHOHODON
- (a) CHICHECHECHEOH and CHICHECHEOHOOOH